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- 1 **VIBRATORY (E.G., PIEZOELECTRIC OR KINETIC BEARING**
- 2 **NONJOINT, NONROTATING FULCRUM BEARING**
- 3 . Knife-edge fulcrum
- 4 .. Edges up and down
- 5 .. Edge up
- 6 .. Edge down
- 7 **LINEAR BEARING**
- 8 . With detection, nonbearing magnetic or hydraulic feature
- 9 . With temperature, electrical, or orthogonal feature
- 10 . Tensioned or resilient race or roller member
- 11 . For crosshead
- 12 . Fluid bearing
- 13 . Lubricating
- 14 .. Bearing for valve stem
- 15 . Combined with seal or guard
- 16 .. Annular
- 17 . For extension table
- 18 . Ball bearing for drawer
- 19 . Roller bearing for drawer
- 20 . Plain bearing for drawer
- 21 .. Stop, detent, or lock
- 22 .. Anchoring or aligning means
- 23 .. Specified race structure or material
- 24 . Having relatively movable parts for lateral insertion and retention of shaft
- 25 . Combined plain and antifriction
- 26 . Plain bearings
- 27 .. For flush tank
- 28 .. For valve stem
- 29 .. Cylindrical outer race
- 30 ... For die set or stamping mill shaft
- 31 ... For hand-held drill shaft
- 32 ... For piston rod
- 34 .. For seat
- 35 .. More than two telescoping members
- 36 .. For structural installation
- 37 .. Resilient supporting member
- 38 .. Self-aligning
- 39 .. Gib
- 40 .. With adjustment means
- 41 .. Assembling means
- 42 .. Specified pad, liner, wear plate or race structure; bearing material
- 43 . Recirculating
- 44 .. Roller
- 45 .. No cylindrical race
- 46 . Roller bearing for extensive cylinder
- 47 . Alternating roller; or antifriction bearing for auto seat

<u>48</u>	. Combined ball and roller bearings
<u>49</u>	. Ball bearing
<u>50</u>	. Roller bearing
<u>51</u>	.. Cage configuration
<u>52</u>	.. Cylindrical inner or outer track
<u>53</u>	.. Location of plural roller sets; more than two telescoping members
<u>54</u>	.. Resilient member
<u>55</u>	.. Raceway configuration
<u>56</u>	.. Nonaxle supported roller structure
<u>57</u>	.. Adjustment or self-alignment means
<u>58</u>	.. Roller-on-axle bearing
<u>59</u>	.. Assembling means
<u>91</u>	ROTARY BEARING
<u>92</u>	. Roller drill bit
<u>93</u>	.. Lubricating detail
<u>94</u>	.. Seal detail
<u>95</u>	.. Inserts or bearing surface detail
<u>96</u>	.. Roller cone retaining means
<u>97</u>	. Water lubricated propellor shaft or well shaft
<u>98</u>	.. With elongated strips or staves
<u>99</u>	. Hydraulic or pneumatic bearing support
<u>100</u>	. Fluid bearing
<u>101</u>	.. With antifriction bearing
<u>102</u>	... Backup
<u>103</u>	.. Flexible member
<u>104</u>	... Plural ends fixed
<u>105</u>	... Thrust bearing
<u>106</u>	... Auxiliary resilient support
<u>107</u>	.. Radial and thrust
<u>108</u>	... Spherical
<u>109</u>	.... Gas bearing
<u>110</u>	... Conical
<u>111</u>	... Outer recess forming fluid pad
<u>112</u>	... Grooved thrust bearing surface
<u>113</u>	... Central member recess
<u>114</u>	.. Radial
<u>115</u>	... Shaft recess
<u>116</u>	... Half-circular or less outer member
<u>117</u>	... Pivoted fluid pad
<u>118</u>	... Outer recess forming fluid pad
<u>119</u>	... Resilient mounting member or seal
<u>120</u>	... Circumferential groove in outer member
<u>121</u>	.. Thrust
<u>122</u>	... Pivoted fluid pad
<u>123</u>	... Grooved bearing surface
<u>124</u>	... Resilient mounting member or seal
<u>125</u>	. Resilient bearing surface
<u>126</u>	. Plural bearings one plain and one antifriction
<u>127</u>	.. Roller
<u>128</u>	... Tapered roller
<u>129</u>	. Plain bearing
<u>130</u>	.. With specified seal
<u>131</u>	... Fluid actuated
<u>132</u>	... Fluid barrier
<u>133</u>	.... Magnetic fluid
<u>134</u>	.... Gas
<u>135</u>	... Centrifugal
<u>136</u>	.... With wick

<u>137</u>	... And scraper
<u>138</u>	... Unitary bearing and seal
<u>139</u>	... Relatively rotatable radially contracting
<u>140</u>	.... Flexible sealing member
<u>141</u>	.... Diaphragm
<u>142</u>	.... Axially translatable member rotatable with shaft
<u>143</u>	.... Plural seals
<u>144</u>	... Labyrinth
<u>145</u>	... Arcuate bearing surface
<u>146</u>	.... Axially spaced lip
<u>147</u>	... Lip seal
<u>148</u>	.... With radially acting bias means
<u>149</u>	... Radially contained packing with axially acting follower
<u>150</u>	... Mechanically actuated
<u>151</u>	... Resilient sealing surface
<u>152</u>	.... O-rings
<u>153</u>	.... Elastomeric
<u>154</u>	.. Rocking type bearing
<u>155</u>	... Lubricated
<u>156</u>	... Movable pivot axis
<u>157</u>	.. For plow or colter disk
<u>158</u>	.. Railway car journal
<u>158.1</u>	... With resilient mounting member
<u>159</u>	... With guard or seal
<u>160</u>	... Lubricating
<u>161</u>	.... For thrust bearing
<u>162</u>	.... For brass bearing
<u>163</u>	..... Reservoir fed
<u>164</u>	..... Capillary
<u>165</u>	.... With lower reservoir
<u>166</u>	..... Journal operated feed
<u>167</u>	..... Band
<u>168</u>	..... Centrifugal
<u>169</u>	..... Pump
<u>170</u>	.... Capillary
<u>171</u>	..... With wick biasing means
<u>172</u>	..... Metal spring
<u>173</u>	..... Coil spring
<u>174</u>	..... Rubber
<u>175</u>	..... With capillary material retainer
<u>176</u>	..... Integral with box
<u>177</u>	.... Including roller applicator
<u>178</u>	..... Yeildably supported
<u>179</u>	..... Coil spring
<u>180</u>	..... Spring under compression
<u>181</u>	... Wick structure
<u>182</u>	... Sheet metal journal box
<u>183</u>	... With journal retainer and guide
<u>184</u>	... Lateral guide
<u>185</u>	.... Mounting feature
<u>186</u>	..... Resilient
<u>187</u>	... Interior
<u>188</u>	... Includes thrust bearing
<u>189</u>	... Lid
<u>190</u>	... Mounted for swinging
<u>190.1</u>	.... About pivot at right angle to plane of lid
<u>190.2</u>	.... Spring and cam biased open
<u>190.3</u>	..... With roller

<u>190.4</u>	..... Spring biased closed
<u>190.5</u>	.... Sliding
<u>190.6</u>	.... Lid structure
<u>190.7</u>	..... With latch
<u>191</u>	... Brasses
<u>191.1</u>	.... Self aligning
<u>191.2</u>	.... Bearing surface liner or inserts
<u>191.3</u>	.... Assembling means
<u>191.4</u>	.... Mounting structure
<u>192</u>	.. Self-adjusting or self-aligning
<u>193</u>	... For vertical shaft
<u>194</u>	.... With lower thrust and upper radial bearing
<u>195</u>	.... Oscillatory suspension
<u>196</u>	..... Resiliently centered
<u>197</u>	.... Oscillating thrust bearing
<u>198</u>	..... Resiliently centered
<u>199</u>	.... Shaft balancing means
<u>200</u>	..... Resiliency on radial bearing
<u>201</u>	.... Having body and spindle connector
<u>202</u>	... Resilient
<u>203</u>	.... Ball and socket
<u>204</u>	..... For electric motor
<u>205</u>	... Fixed pivot axis
<u>206</u>	... Ball and socket
<u>207</u>	.... Sheet metal socket
<u>208</u>	.... Assembly
<u>209</u>	..... Separable ball retaining member
<u>210</u>	..... Lock ring
<u>211</u>	..... Of ball
<u>212</u>	..... Sectional
<u>213</u>	.... With lubricating means
<u>214</u>	..... Having felt or wick
<u>215</u>	.. With resilient mounting member
<u>216</u>	... For connecting rod
<u>217</u>	... Lock type
<u>223</u>	... For thrust bearing
<u>224</u>	.... Pivoted pad
<u>225</u>	.... Helical coil spring
<u>218</u>	... Coil spring
<u>219</u>	.... Biased bearing surface segment
<u>220</u>	... Nonmetallic
<u>221</u>	.... Laminated
<u>222</u>	.... Cylindrical
<u>226</u>	.. For vertical shaft
<u>227</u>	... Spinning spindle
<u>228</u>	.... With thrust and radial bearing
<u>229</u>	..... Adjustable spindle
<u>230</u>	..... Laterally resilient
<u>231</u>	..... Resilient sleeve
<u>232</u>	..... Volute coil spring
<u>233</u>	..... Helical coil spring
<u>234</u>	..... Fluid damping
<u>235</u>	..... Rubber
<u>236</u>	..... At fixed end
<u>237</u>	.... With interior dead shaft
<u>238</u>	.... Pivoting spindle
<u>239</u>	.... Bolster type bearing
<u>240</u>	.... Lower end thrust bearing

<u>241</u>	.... With lubricating means
<u>242</u>	... Base supported table or drum
<u>243</u>	... Lower end thrust bearing
<u>244</u>	.... For shaped shaft end
<u>245</u>	..... Spherical shaft end
<u>246</u>	..... Conical shaft end
<u>247</u>	.. With adjustment means
<u>248</u>	... For thrust bearing
<u>249</u>	.... Threaded member moves axially
<u>250</u>	.... For crankshaft
<u>251</u>	.... For thrust plate
<u>252</u>	... And support
<u>253</u>	.... Simultaneous adjustment
<u>254</u>	.... For horse power or sand reel
<u>255</u>	.... Eccentric
<u>256</u>	.... For roller end support
<u>257</u>	.... For suspended shaft
<u>258</u>	..... Screw adjustment
<u>259</u>	..... Horizontal and vertical
<u>260</u>	.... Rectilinear
<u>261</u>	... Bearing surface
<u>262</u>	.... For axle
<u>263</u>	.... Adjustable bearing surface segment
<u>264</u>	..... Axial adjustment
<u>265</u>	..... Axially spaced annular segments
<u>266</u>	..... Two opposed bearing surface segments
<u>267</u>	..... With wedge adjustment
<u>268</u>	..... For connecting rod
<u>269</u>	..... Transverse screw adjustment
<u>270</u>	..... For connecting rod
<u>271</u>	.... Tapered sleeve
<u>272</u>	.... Split
<u>273</u>	.... Split sleeve
<u>274</u>	.... Pressure applying
<u>275</u>	.. Radial collar and sleeve
<u>276</u>	.. Specified sleeve or liner
<u>277</u>	... Insulating
<u>278</u>	... Temperature compensating
<u>279</u>	... Porous metal
<u>280</u>	... Liner on shaft
<u>281</u>	.... Removably secured
<u>282</u>	... Bearing surface insert
<u>283</u>	.... Groove
<u>284</u>	.... Pocket array
<u>285</u>	..... Circular pocket
<u>286</u>	... Lubricant distributing
<u>287</u>	.... High speed
<u>288</u>	.... For crankshaft
<u>289</u>	.... For rotary member
<u>290</u>	..... Outer sleeve on shaft
<u>291</u>	.... Groove
<u>292</u>	..... Helical or herring bone
<u>293</u>	.... Pocket array
<u>294</u>	... For crankshaft
<u>295</u>	... Mounting feature
<u>296</u>	.... Radial protrusion or sleeve end flange
<u>297</u>	... Nonmetal
<u>298</u>	.... Fabric layer and capillary passages

<u>299</u>	.... Nylon
<u>300</u>	.... Polytetrafluorethylene (e.g., Teflon*)
<u>301</u>	... Spirally split
<u>302</u>	.. Distributed weight
<u>303</u>	... For thrust bearing
<u>304</u>	.... Tandem thrust
<u>305</u>	.... Grooved
<u>306</u>	.... Pivoted pad
<u>307</u>	..... With lubricating means
<u>308</u>	..... Pad mounting structure
<u>309</u>	... Pivoted pad
<u>310</u>	.... Noncircumferential
<u>311</u>	.... Lubricant supply structure
<u>312</u>	.... Pad mounting structure
<u>313</u>	.. Cooling by lubricant
<u>314</u>	... Emergency lubrication
<u>315</u>	... Water lubrication
<u>316</u>	... Fluid path
<u>317</u>	.. Specified cooling means
<u>318</u>	... Mist
<u>319</u>	... Frozen lubricant
<u>320</u>	... Nonliquid cooling
<u>321</u>	... Coolant path
<u>322</u>	.. Lubricating
<u>368</u>	... For thrust bearing
<u>369</u>	.... Forced feed
<u>370</u>	.... Capillary
<u>371</u>	.... For bearing at end of shaft
<u>372</u>	... Fixed shaft
<u>373</u>	.... Forced feed
<u>374</u>	.... Yoke reservoir
<u>375</u>	.... Shaft-supported reservoir
<u>376</u>	..... At end of shaft
<u>377</u>	.... Specified external feed
<u>378</u>	..... Spiral groove
<u>379</u>	..... Capillary
<u>380</u>	.... Internal feed
<u>381</u>	..... Internal reservoir
<u>382</u>	..... Capillary
<u>383</u>	..... Capillary
<u>384</u>	.... Clearer and agitator
<u>385</u>	... Reservoir in rotating member
<u>386</u>	.... Removable reservoir
<u>387</u>	.... Capillary
<u>388</u>	.... With feed regulator
<u>389</u>	.... Feed to shaft end and center
<u>390</u>	.... End feed
<u>391</u>	.... Center feed
<u>392</u>	.... Including distributing means
<u>393</u>	.... Including inward deflector
<u>394</u>	.... Including rotary blade
<u>395</u>	.... With agitator
<u>396</u>	... Bolt type shaft
<u>397</u>	... For rotary shaft
<u>398</u>	.... Forced feed
<u>399</u>	..... Lubricant metering structure
<u>400</u>	.... Reservoir external to bearing
<u>401</u>	.... Upper reservoir for horizontal shaft

<u>402</u>	..... Capillary
<u>403</u>	.... Lower reservoir for horizontal shaft
<u>404</u>	..... Shaft operated elevating means
<u>405</u>	..... Band or chain
<u>406</u>	..... Ring type
<u>407</u>	..... Roller or ball
<u>408</u>	..... Capillary
<u>409</u>	..... With wick biasing means
<u>410</u>	..... With wick retainer
<u>411</u>	..... Differing capillary properties
<u>412</u>	..... With lubricant impelling means
<u>413</u>	..... Wick structure
<u>414</u>	..... Suction or pressure
<u>415</u>	... For vertical shaft
<u>416</u>	.. for rotary member
<u>417</u>	... Pulley
<u>418</u>	... Roller
<u>419</u>	.... Elongated
<u>420</u>	.. Thrust bearing
<u>421</u>	... For pivot of towed vehicle
<u>422</u>	... For pivot of vehicle wheel frame
<u>423</u>	... For railway car side
<u>424</u>	... Axially spaced collars
<u>425</u>	... Including thrust plate at shaft end
<u>426</u>	.... Plural end plates
<u>427</u>	.... Axially related hub liner
<u>428</u>	.. Mounting or support
<u>429</u>	... For crankshaft
<u>430</u>	.... Connecting rod
<u>431</u>	.... Pedal type crank
<u>432</u>	.... Block and cap type
<u>433</u>	..... Engine housing closure
<u>434</u>	... Block and cap type
<u>435</u>	... Lock type
<u>436</u>	.... Pivoted
<u>437</u>	..... Having bolt securing means
<u>438</u>	... Machine housing
<u>439</u>	... Mounted in wall aperture
<u>440</u>	... Bearing surface integral with support
<u>441</u>	... Annular support
<u>442</u>	... Single direction
<u>443</u>	.... From above
<u>444</u>	.... From below
<u>445</u>	.. Antifriction bearing
<u>446</u>	.. Nonbearing magnetic feature
<u>447</u>	.. Elliptical, eccentric, alternating roller, or mass ball features; compensating for nonthermal deformation; centrifugal preload
<u>448</u>	.. Sensor or inspection features; liquid metal or shipping protection features; bearing member integral with seal
<u>449</u>	.. Outer race integral with wheel
<u>450</u>	.. Skew prevention; formular relationship
<u>451</u>	.. Recirculating or nonannular path
<u>452</u>	.. Radial bearing with separate thrust bearing; radial ball-thrust roller
<u>453</u>	... Radial ball-thrust ball
<u>454</u>	... Radial roller-thrust ball
<u>455</u>	... Radial roller-thrust roller
<u>456</u>	.. Radial bearing
<u>457</u>	... For crankshaft

<u>458</u>	.... For pedal crank
<u>459</u>	... Railway car journal
<u>460</u>	... Disk plow
<u>461</u>	... Concentric
<u>462</u>	... Lubricating
<u>463</u>	.... Solid lubricant feature
<u>464</u>	.... Dipping, surface treatment or member versus lubricant density
<u>465</u>	.... Centrifugal feature
<u>466</u>	.... Jet, baffle or valve
<u>467</u>	.... Cooling by lubricant
<u>468</u>	.... Oil mist feature
<u>469</u>	.... Porous or wick structure
<u>470</u>	.... Cage structure
<u>471</u>	.... With pressure or suction means
<u>472</u>	.... Impeller
<u>473</u>	.... Reservoir, filter or lubrication circuit structure
<u>474</u>	.... Lubrication port
<u>475</u>	..... In race
<u>476</u>	... With cooling, heating or insulating
<u>477</u>	... With specified seal
<u>478</u>	.... Centrifugal loading or slinging; fluid seal
<u>479</u>	.... Pressure establishing or loading
<u>480</u>	.... Labyrinth
<u>481</u>	.... Relatively rotatable radially contacting
<u>482</u>	..... Resilient sliding surface material
<u>483</u>	.... Radially contained packing with axially acting follower
<u>484</u>	.... Lip seal
<u>485</u>	..... Radially outward lip
<u>486</u>	..... Plural lips
<u>487</u>	.... Radially opening U-shaped retainer
<u>488</u>	.... Flange small clearance
<u>489</u>	.... O-ring or end cap seal
<u>490</u>	... Ball bearing
<u>491</u>	.... Ball structure
<u>492</u>	.... Ball or race composition or material
<u>493</u>	.... Temperature compensation
<u>494</u>	.... Ball and roller bearings
<u>495</u>	.... Self-aligning
<u>496</u>	..... Ball to larger spherical surface
<u>497</u>	..... Radially outer larger spherical surface
<u>498</u>	..... Conforming spherical surfaces
<u>499</u>	.... Split race
<u>500</u>	..... With race adjustment means
<u>501</u>	..... Double split
<u>502</u>	..... Split ring
<u>503</u>	..... Fractured split
<u>504</u>	.... Plural rows balls
<u>505</u>	..... One race only split
<u>506</u>	..... Inner race split
<u>507</u>	.... Slot for ball insertion
<u>508</u>	..... With means for blocking slot
<u>509</u>	..... Blocking by cage
<u>510</u>	.... Specified means facilitating assembly or disassembly
<u>511</u>	..... Annular opening for ball insertion
<u>512</u>	.... Plural axially spaced balls with integral race
<u>513</u>	.... Specified bearing race structure
<u>514</u>	..... Strictly conical contact surface
<u>515</u>	..... Including radial race flange

<u>516</u>	..... Ball groove surface detail
<u>517</u>	.... Axially biased race
<u>518</u>	..... Coil spring
<u>519</u>	.... Adjustment means
<u>520</u>	.... Discrete spacing member
<u>521</u>	..... Ball spacer
<u>522</u>	..... Roller spacer
<u>523</u>	.... Cage structure
<u>524</u>	..... Including antifriction members
<u>525</u>	..... Wire cage
<u>526</u>	..... Resilient feature
<u>527</u>	..... Material, composition or laminate
<u>528</u>	..... Fully circular aperture for ball
<u>529</u>	..... Two circular apertures per ball
<u>530</u>	..... Plural elements joined to form an aperture
<u>531</u>	..... U- or C-shaped slot
<u>532</u>	..... Unitary uniform strip
<u>533</u>	.... Entirely noncircular or nonconforming pocket
<u>534</u>	.... Unitary member
<u>535</u>	.... Resilient support member
<u>536</u>	..... Elastomer or plastic
<u>537</u>	.... Assembling means
<u>538</u>	..... Wedge means
<u>539</u>	..... Snap means
<u>540</u>	..... Threaded sleeve
<u>541</u>	..... Radial set screw
<u>542</u>	..... Bolt
<u>543</u>	.... Fixed shaft and rotating outer member
<u>544</u>	..... For hub
<u>545</u>	..... For bicycle hub
<u>546</u>	..... Outermost member cylindrical
<u>547</u>	..... Outermost member grooved
<u>548</u>	... Roller bearing
<u>549</u>	.... Fixed supporting roller
<u>550</u>	.... Toothed
<u>551</u>	.... Discrete circumferential or axial spacer
<u>552</u>	..... Spaced by balls
<u>553</u>	..... Spaced by rollers
<u>554</u>	..... With associated rings
<u>555</u>	..... Mating grooves and projections
<u>556</u>	.... Hydraulic axial jacking
<u>557</u>	.... Temperature compensation
<u>558</u>	.... Self-aligning
<u>559</u>	.... Means facilitating assembly or disassembly
<u>560</u>	..... By cage or race structure
<u>561</u>	..... By groove and ring
<u>562</u>	..... By threaded member
<u>563</u>	.... Axially biased race or roller
<u>564</u>	.... Race end structure
<u>565</u>	.... Roller structure
<u>566</u>	..... Helical feature
<u>567</u>	..... Hollow
<u>568</u>	..... Curved roller
<u>569</u>	.... Race, liner or sleeve
<u>570</u>	..... Split ring
<u>571</u>	..... Tapered race
<u>572</u>	.... Cage structure
<u>573</u>	..... Wire, filament, segmented or surface treated

<u>574</u>	..... Projecting into or through roller
<u>575</u>	..... Uniform sheet metal
<u>576</u>	..... Nonmetallic
<u>577</u>	..... Split ring or open slot
<u>578</u>	..... Nonunitary
<u>579</u>	..... Bolted, welded or with spring
<u>580</u>	..... Lip on transverse bar
<u>581</u>	.... Resilient support member
<u>582</u>	..... Elastomer or plastic
<u>583</u>	.... With adjustment means
<u>584</u>	.... Assembling means
<u>585</u>	..... Race fastening means
<u>586</u>	... Fixed shaft and rotating outer member
<u>587</u>	..... Outermost element cylindrical
<u>588</u>	..... Outermost element grooved
<u>589</u>	..... For hub
<u>590</u>	.. Thrust bearing
<u>591</u>	... Vehicle center
<u>592</u>	.... Ball
<u>593</u>	.... Roller
<u>594</u>	... Railway truck center bearing
<u>595</u>	... Railway truck side bearing
<u>596</u>	.... Ball
<u>597</u>	.... Roller
<u>598</u>	..... Toothed
<u>599</u>	..... With self-adjustment means
<u>600</u>	..... Assembling means
<u>601</u>	..... Contaminant elimination; adjustment means
<u>602</u>	..... Adjustment by shim
<u>603</u>	... Spinning spindle
<u>604</u>	... Different size rolling elements; spacers; noncircular array
<u>605</u>	... Temperature compensation
<u>606</u>	... Lubricating
<u>607</u>	... Seals
<u>608</u>	... Concentric rolling members
<u>609</u>	... Ball bearing
<u>610</u>	.... Single ball
<u>611</u>	.... Resilient feature
<u>612</u>	.... Self-aligning
<u>613</u>	.... Plural rows balls or tandem thrust
<u>614</u>	.... Cage structure
<u>615</u>	.... Race structure
<u>616</u>	.... Adjustment means
<u>617</u>	.... Assembling means
<u>618</u>	... Roller bearing
<u>619</u>	.... Roller structure or orientation; plural axially spaced rows or tandem thrust
<u>620</u>	.... Resilient feature; adjustment or self-alignment means; assembling means
<u>621</u>	.... Race and cage structure
<u>622</u>	.... Race structure
<u>623</u>	.... Cage structure
<u>624</u>	BEARING SAFETY OR SELF-CLEANING MEANS
<u>625</u>	BEARING-SURFACE TREATMENT
<u>626</u>	SHIM FOR BEARING
<u>627</u>	MISCELLANEOUS

CROSS-REFERENCE ART COLLECTIONS

900 **COOLING OR HEATING**

<u>901</u>	. Floating bushing
<u>902</u>	. Porous member
<u>903</u>	. Retaining ring
<u>904</u>	. Propeller shaft outer bearing
<u>905</u>	. Temperature compensation
<u>905.1</u>	. Cup-shaped bearing
<u>906</u>	. Antirotation key
<u>907</u>	. Bearing material or solid lubricant
<u>907.1</u>	. Jewel, glass, ceramic or carbon
<u>910</u>	. Powders
<u>911</u>	. Including fiber
<u>908</u>	. Nylon or polytetrafluorethylene
<u>909</u>	. Plastic
<u>912</u>	. Metallic
<u>913</u>	. Metallic compounds

FOREIGN ART COLLECTIONS

FOR000 **CLASS-RELATED FOREIGN DOCUMENTS**

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